

Amendments to the Claims

The following listing of claims replaces all prior versions and listings of claims in the present application.

Listing of Claims:

Claims 1 to 24 (canceled).

Claim 25 (currently amended): ~~The reciprocating piston-type machine as recited in claim 15, A reciprocating piston-type machine, comprising:~~

a housing;

a housing cover;

a power unit disposed in the housing and including a plurality of pistons;

one of a suction and discharge area and a forward shaft bearing disposed in the housing cover; and

a screw connection configured to screw-couple the housing cover to the housing, the screw connection including sawtooth thread between the housing and the housing cover;

wherein the screw connection includes first thread side including a first material having a first material strength and a second thread side including a second material having a second material strength higher than the first material strength, wherein each tooth of the first thread side is larger than a corresponding tooth of the second thread side.

Claim 26 (original): The reciprocating piston-type machine as recited in claim 25, wherein a length of the sawtooth thread in an axial direction is less than a standard sawtooth thread.

Claim 27 (original): The reciprocating piston-type machine as recited in claim 25, wherein a pitch of the saw tooth thread is steeper pitch than a standard sawtooth thread.

Claim 28 (original): The reciprocating piston-type machine as recited in claim 25, wherein a manufacturing tolerance of the saw tooth thread is larger than a standard manufacturing tolerance of a standard sawtooth thread.

Claim 29 (original): The reciprocating piston-type machine as recited in claim 25, wherein the first thread side is disposed on one of the housing and the housing cover, and wherein each tooth of the first thread side includes an upper surface that is sufficiently wide for clamping during further machining of the housing or housing cover.

Claim 30 (currently amended): ~~The reciprocating piston-type machine as recited in claim 15, A reciprocating piston-type machine, comprising:~~

a housing;

a housing cover;

a power unit disposed in the housing and including a plurality of pistons;

one of a suction and discharge area and a forward shaft bearing disposed in the housing cover; and

a screw connection configured to screw-couple the housing cover to the housing, the screw connection including sawtooth thread between the housing and the housing cover;

wherein the screw connection includes an external thread side including a material having a first thermal expansion coefficient and an internal thread side including a material having a second thermal expansion coefficient less than the first thermal expansion coefficient, and wherein a flank angle of the sawtooth thread is $< 0^\circ$.

Claim 31 (currently amended): ~~The reciprocating piston-type machine as recited in claim 15, A reciprocating piston-type machine, comprising:~~

a housing;

a housing cover;

a power unit disposed in the housing and including a plurality of pistons;

one of a suction and discharge area and a forward shaft bearing disposed in the housing cover; and

a screw connection configured to screw-couple the housing cover to the housing, the screw connection including sawtooth thread between the housing and the housing cover;

wherein the screw connection includes an external thread side including a material having a first thermal expansion coefficient and an internal thread side including a material having a second thermal expansion coefficient greater than the first thermal expansion coefficient, and wherein a flank angle of the sawtooth thread is $> 3^\circ$.